

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126373.D
 Acq On : 28 Dec 2021 00:18
 Operator : JU/CG
 Sample : M5211-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-286

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 06:01:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	92843	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	335880	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	129422	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	213438	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	201025	20.000	ng	0.00
86) Perylene-d12	15.427	264	155216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	618041	98.032	ng	0.00
7) Phenol-d6	6.439	99	721716	90.157	ng	0.00
23) Nitrobenzene-d5	7.369	82	449613	72.498	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	112007	107.689	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	599577	81.253	ng	-0.01
79) Terphenyl-d14	12.921	244	583776	50.475	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.445	94	21755	2.421	ng	83
31) Naphthalene	8.110	128	32138	2.046	ng	98
49) Acenaphthylene	9.704	152	59674	5.424	ng	99
71) Phenanthrene	11.357	178	221563	20.112	ng	99
72) Anthracene	11.404	178	80629	7.292	ng	100
73) Carbazole	11.563	167	35021	3.363	ng	98
75) Fluoranthene	12.545	202	597700	60.220	ng	93
78) Pyrene	12.774	202	606807	32.856	ng	98
81) Benzo(a)anthracene	13.963	228	373653	31.379	ng	95
83) Chrysene	14.004	228	361289	29.202	ng	96
84) Bis(2-ethylhexyl)phtha...	13.963	149	21639	2.228	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.856	276	211601	20.438	ng	98
88) Benzo(b)fluoranthene	15.009	252	569796m	61.096	ng	
89) Benzo(k)fluoranthene	15.033	252	143954m	16.135	ng	
90) Benzo(a)pyrene	15.362	252	341878	44.106	ng	# 96
91) Dibenzo(a,h)anthracene	16.862	278	52258m	6.209	ng	
92) Benzo(g,h,i)perylene	17.286	276	213619	24.532	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

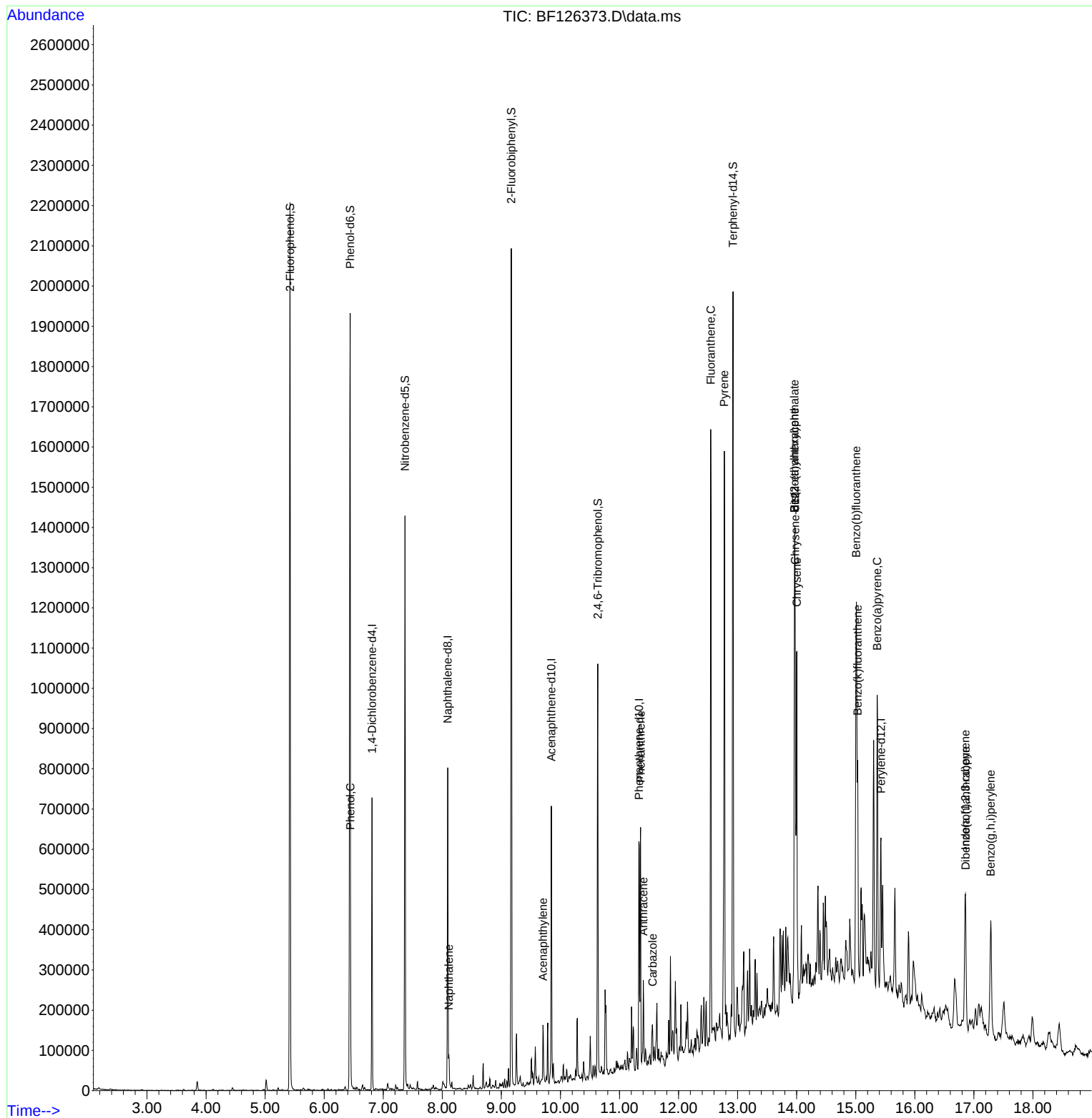
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126373.D
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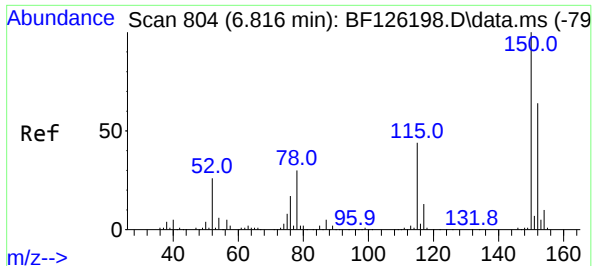
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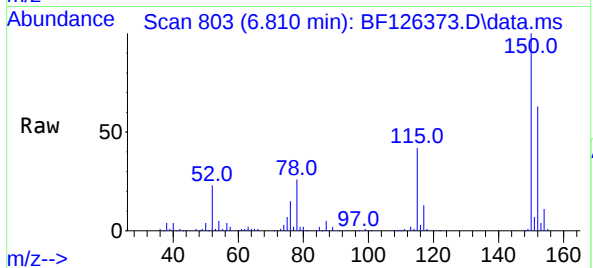
Quant Time: Dec 28 06:01:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

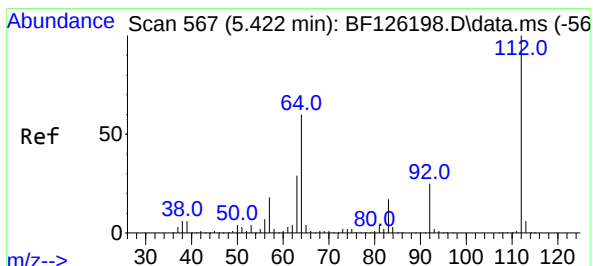
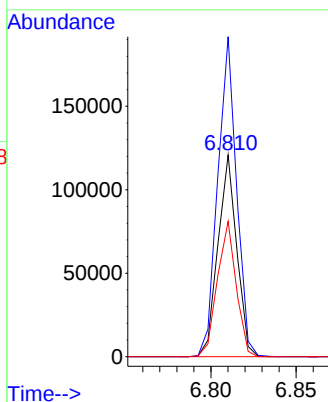
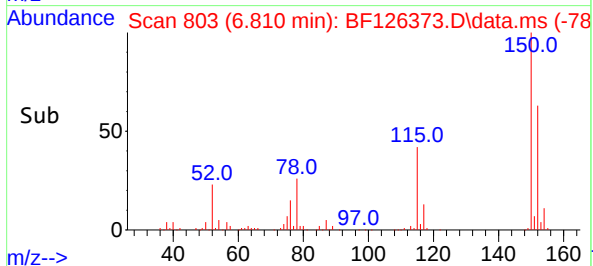
Instrument :
BNA_F
ClientSampleId :
ETGI-286



Tgt Ion:152 Resp: 9284
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 67.1 47.1 70.7

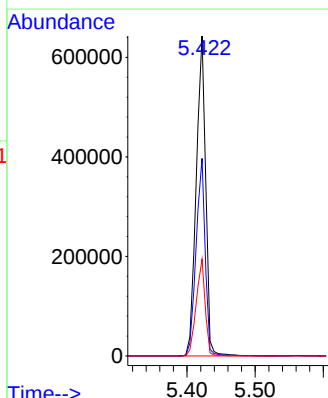
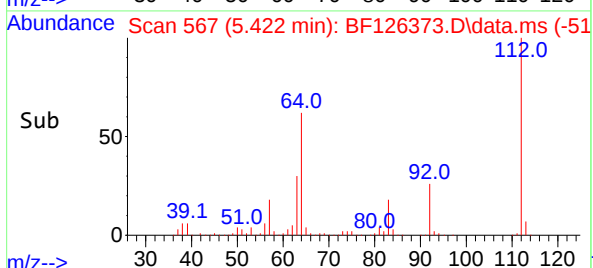
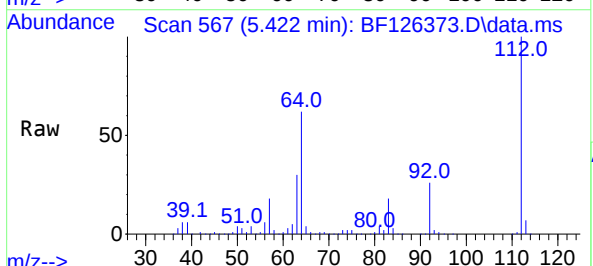
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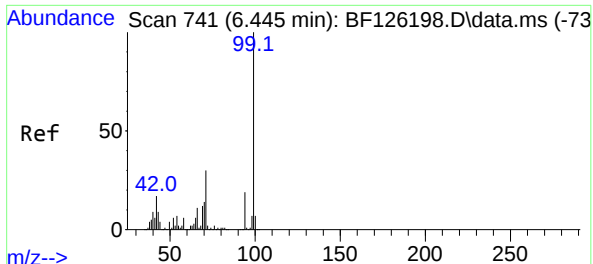
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Supervised By :mohammad ahmed 12/31/2021



#5
2-Fluorophenol
Concen: 98.032 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Tgt Ion:112 Resp: 618041
Ion Ratio Lower Upper
112 100
64 61.8 44.2 66.2
63 30.3 26.2 39.2





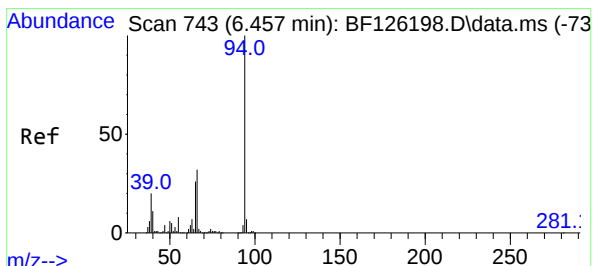
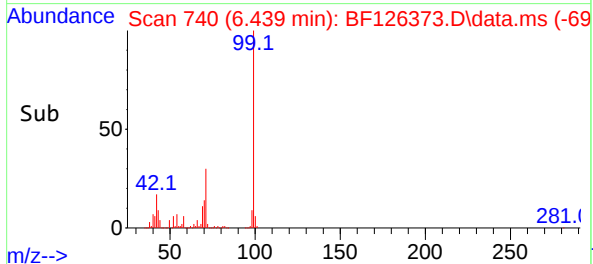
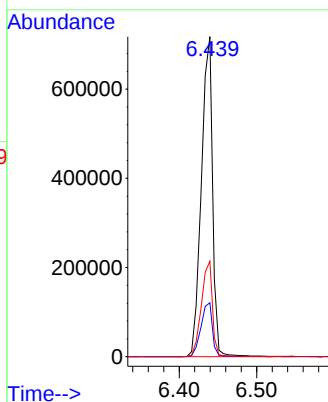
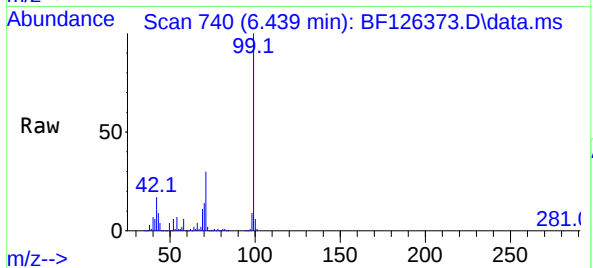
#7
Phenol-d6
Concen: 90.157 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 721710
Ion Ratio Lower Upper
99 100
42 16.8 23.5 35.3
71 29.9 25.6 38.4

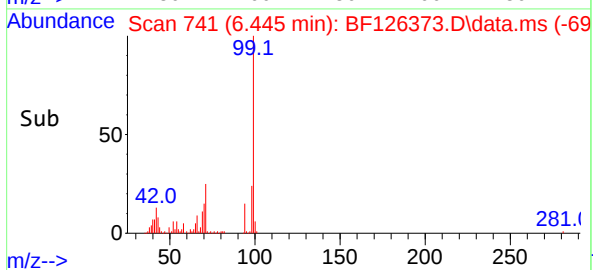
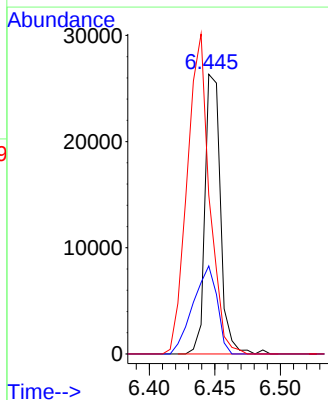
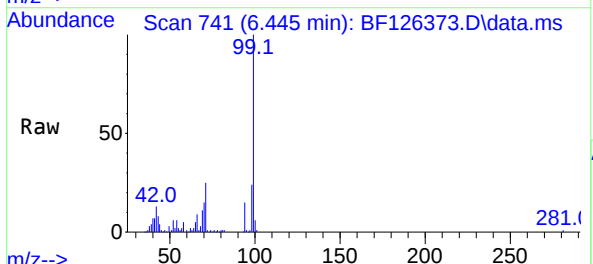
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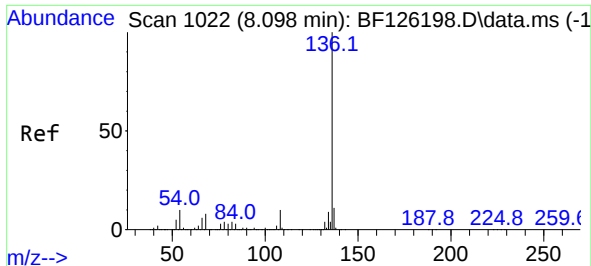
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#10
Phenol
Concen: 2.421 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

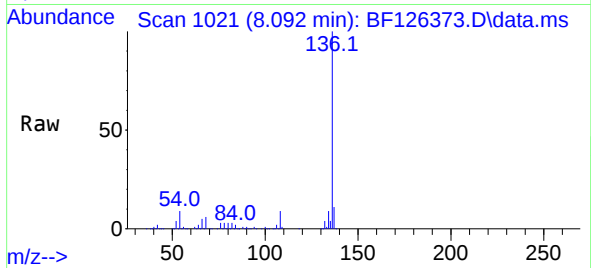
Tgt Ion: 94 Resp: 21755
Ion Ratio Lower Upper
94 100
65 31.5 9.3 49.3
66 56.8 20.3 60.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

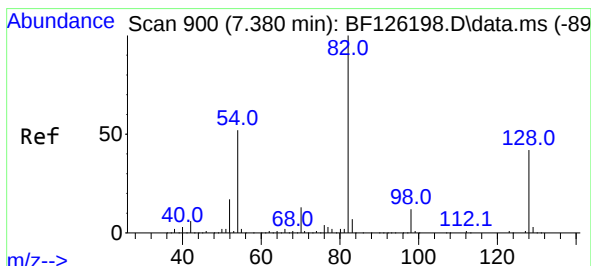
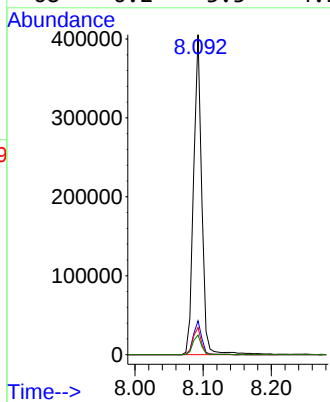
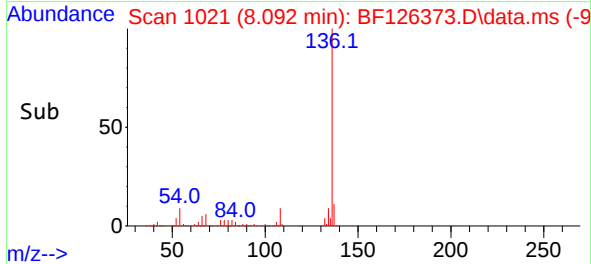
Instrument :
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ClientSampleId :
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Tgt Ion:136 Resp: 335880
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.5 6.4 9.6
68 6.2 3.3 4.9#

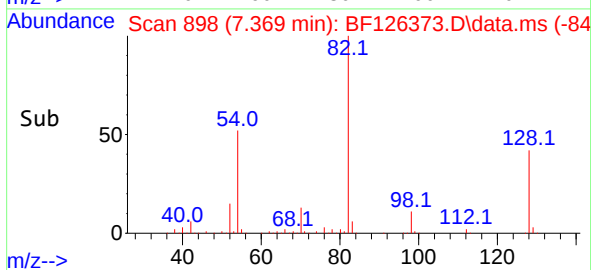
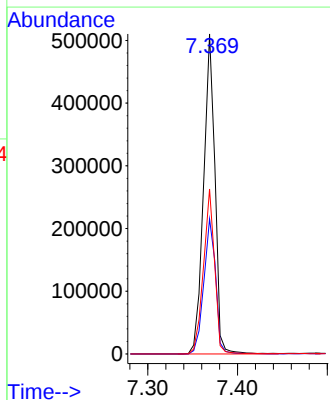
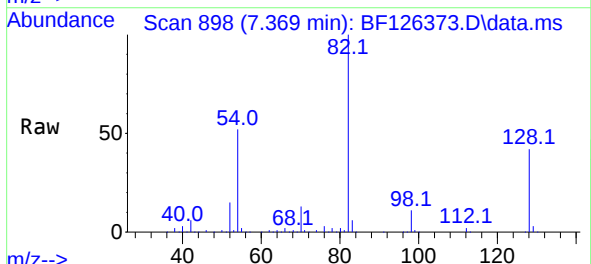
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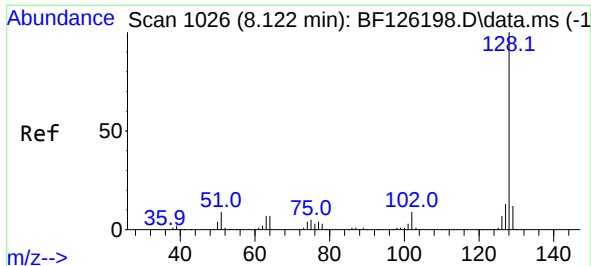
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Supervised By :mohammad ahmed 12/31/2021



#23
Nitrobenzene-d5
Concen: 72.498 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Tgt Ion: 82 Resp: 449613
Ion Ratio Lower Upper
82 100
128 42.2 40.6 60.8
54 51.6 49.6 74.4





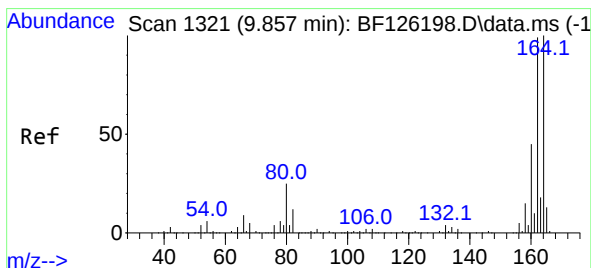
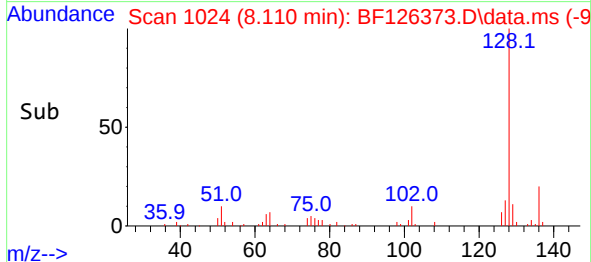
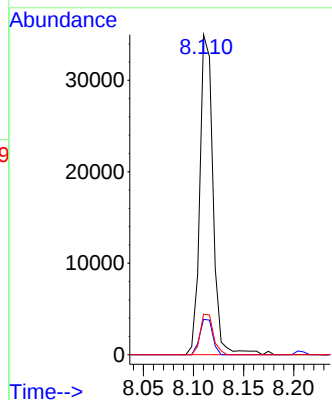
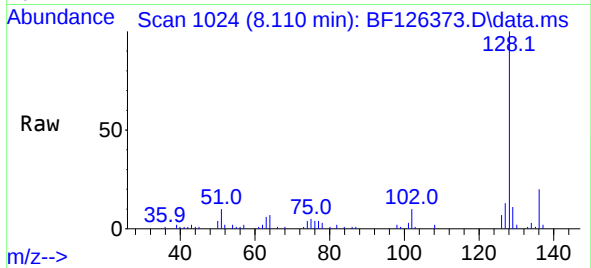
#31
Naphthalene
Concen: 2.046 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Instrument :
BNA_F
ClientSampleId :
ETGI-286

Tgt Ion:128 Resp: 32138
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.6 10.9 16.3

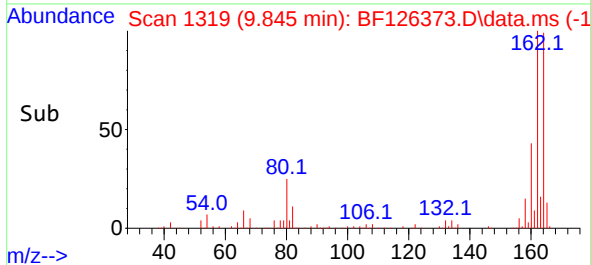
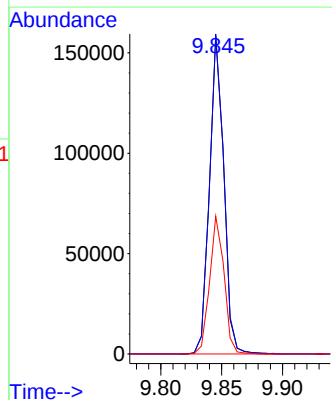
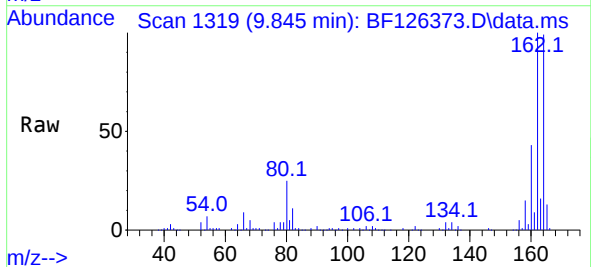
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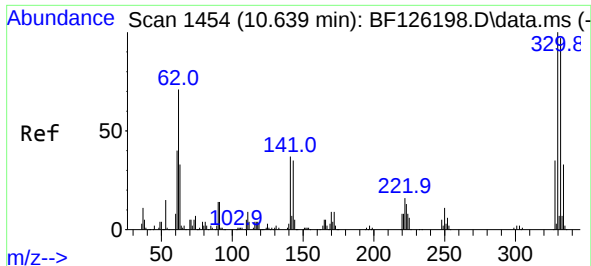
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

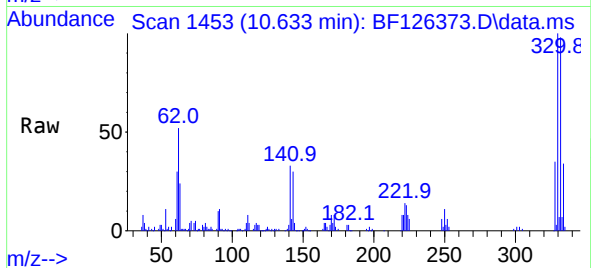
Tgt Ion:164 Resp: 129422
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 43.3 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 107.689 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

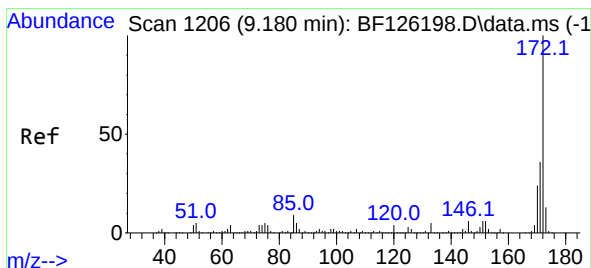
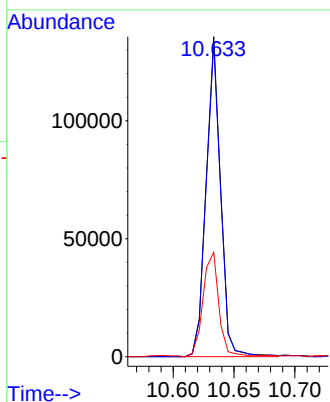
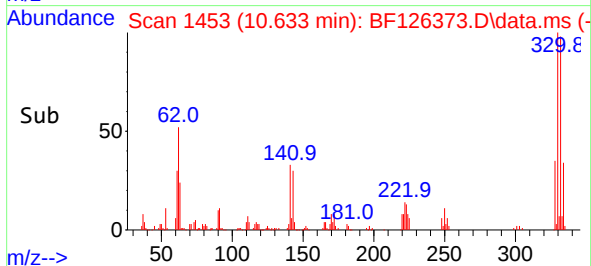
Instrument :
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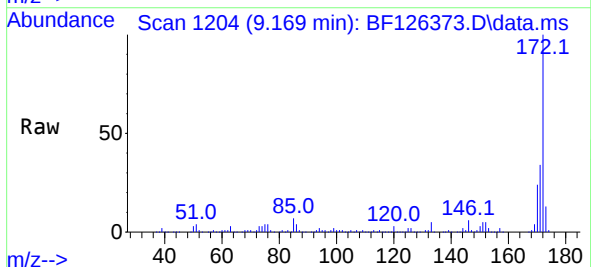
Tgt Ion:330 Resp: 112007
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 35.6 44.6 66.8

Manual Integrations
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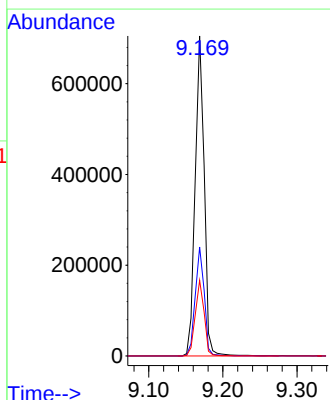
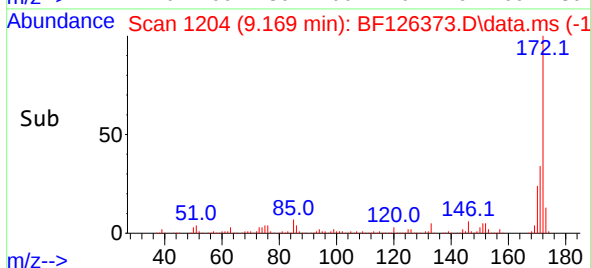
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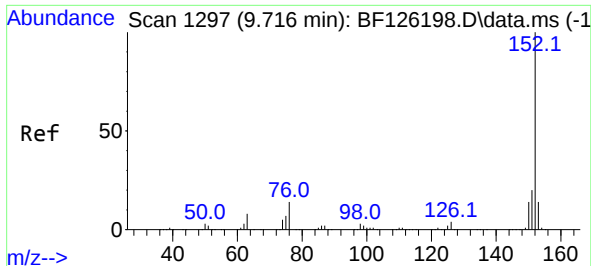


#45
2-Fluorobiphenyl
Concen: 81.253 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18



Tgt Ion:172 Resp: 599577
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.6 18.8 28.2





#49

Acenaphthylene

Concen: 5.424 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126373.D

Acq: 28 Dec 2021 00:18

Instrument :

BNA_F

ClientSampleId :

ETGI-286

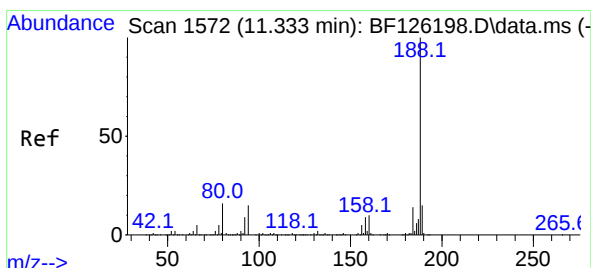
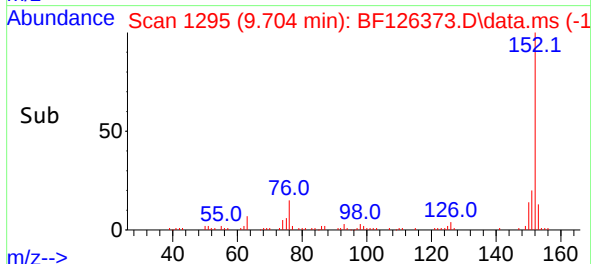
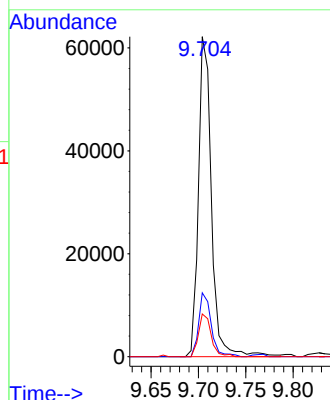
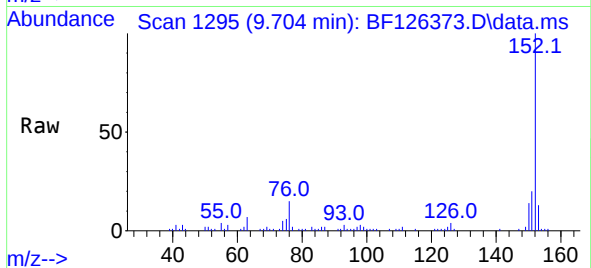
Tgt Ion:152 Resp: 59674

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.4	9.8	14.8

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

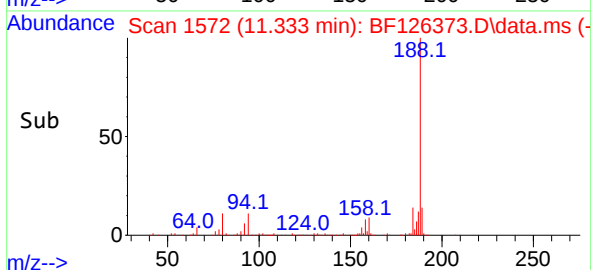
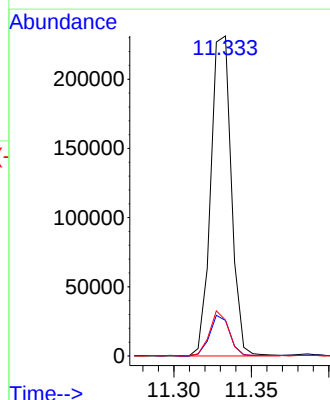
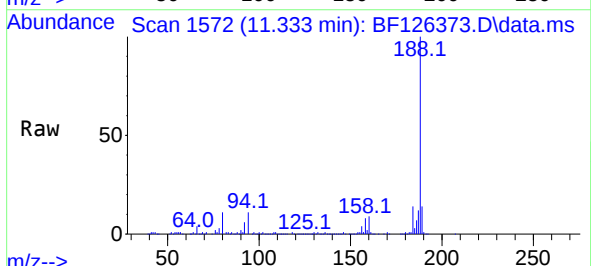
Delta R.T. -0.006 min

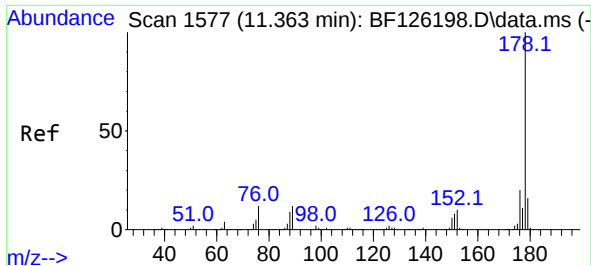
Lab File: BF126373.D

Acq: 28 Dec 2021 00:18

Tgt Ion:188 Resp: 213438

Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.7	10.1
80	11.2	7.5	11.3





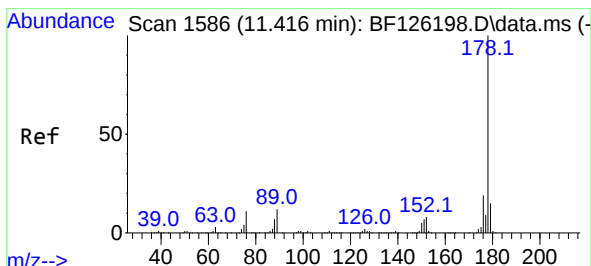
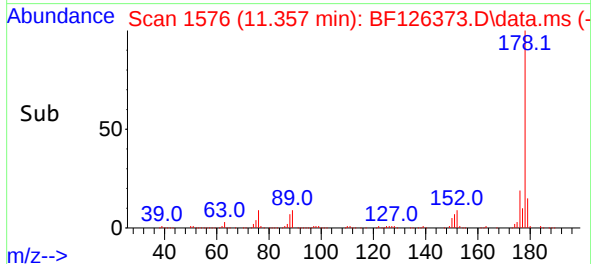
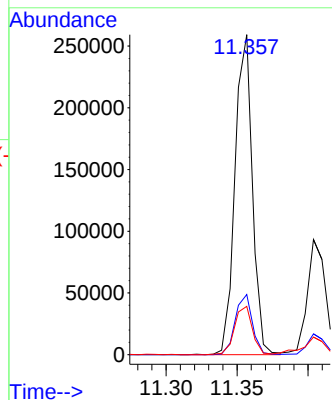
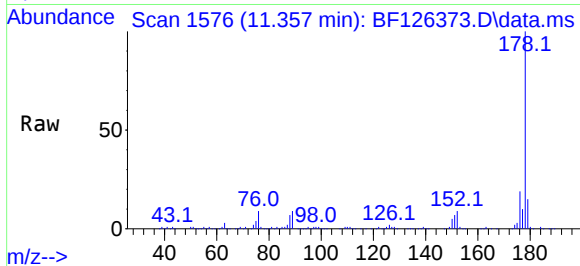
#71
Phenanthrene
Concen: 20.112 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Instrument :
BNA_F
ClientSampleId :
ETGI-286

Tgt Ion:178 Resp: 22156
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.1 11.5 17.3

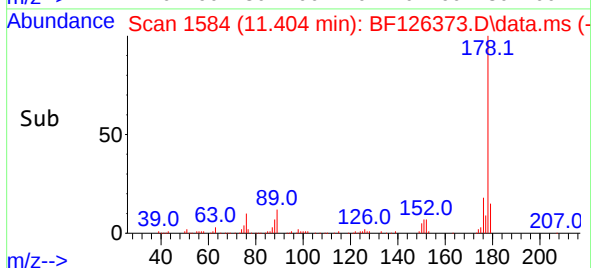
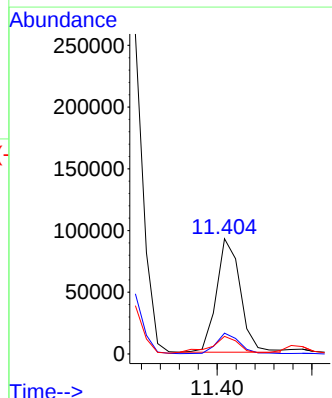
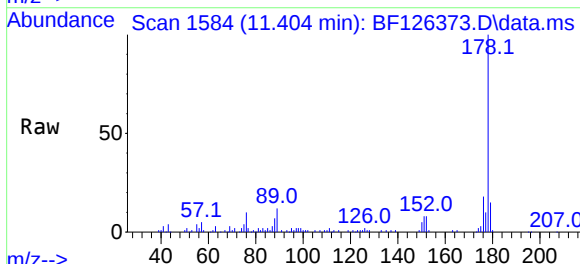
Manual Integrations
APPROVED

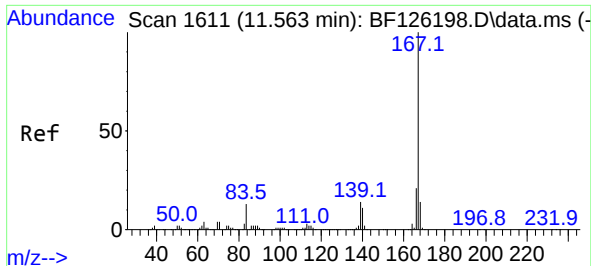
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#72
Anthracene
Concen: 7.292 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

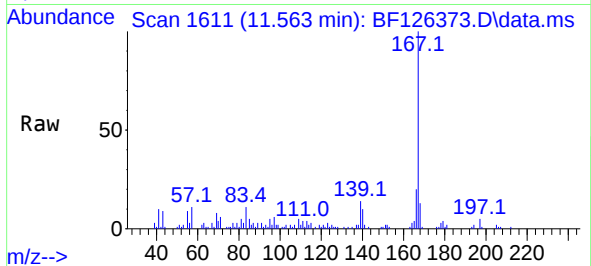
Tgt Ion:178 Resp: 80629
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 3.363 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF126373.D
 Acq: 28 Dec 2021 00:18

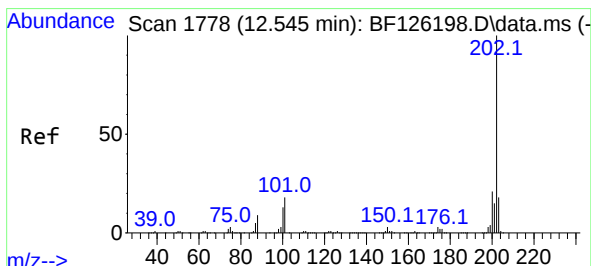
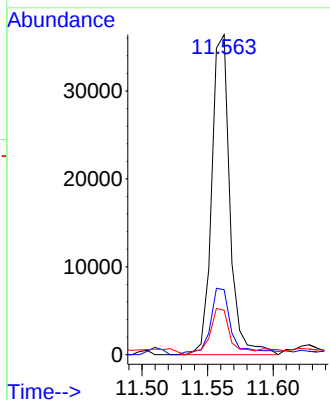
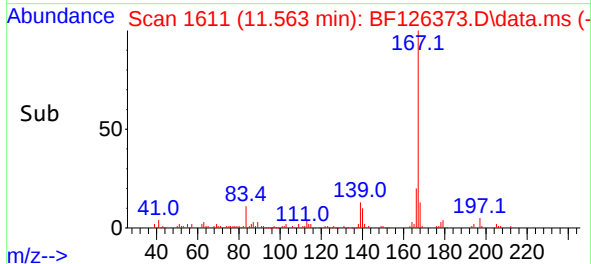
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-286



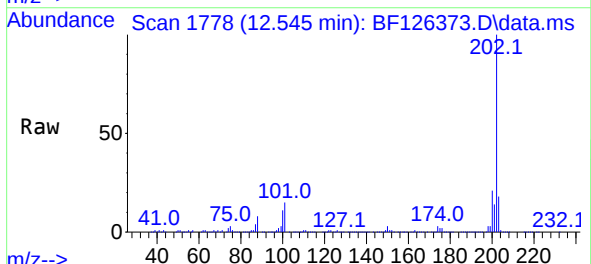
Tgt Ion:167 Resp: 3502
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.4 26.0
 139 13.9 11.0 16.4

Manual Integrations
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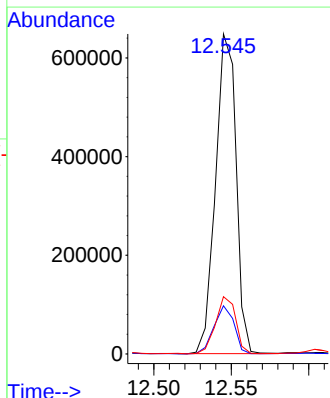
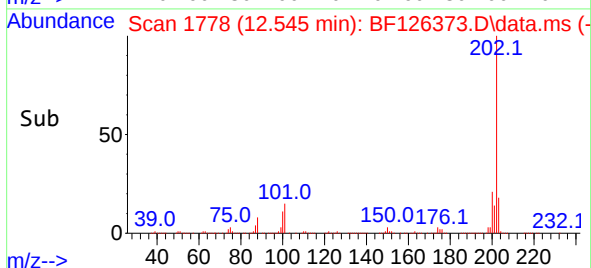
Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

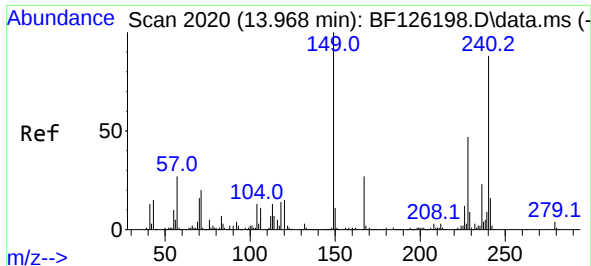


#75
 Fluoranthene
 Concen: 60.220 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. -0.006 min
 Lab File: BF126373.D
 Acq: 28 Dec 2021 00:18



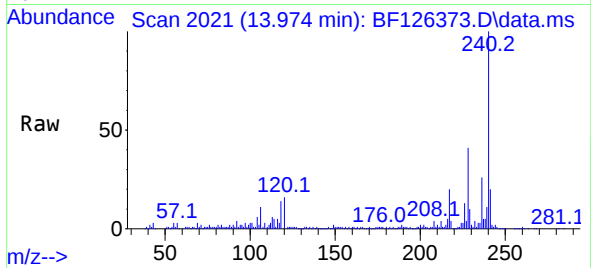
Tgt Ion:202 Resp: 597700
 Ion Ratio Lower Upper
 202 100
 101 15.0 0.0 30.7
 203 17.9 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20102
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

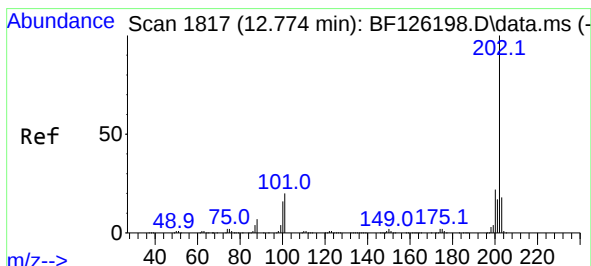
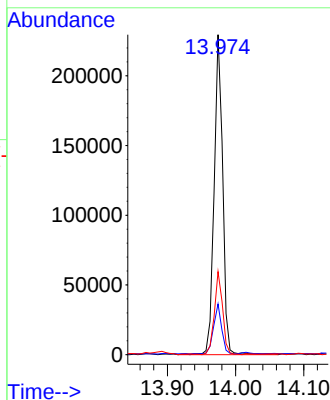
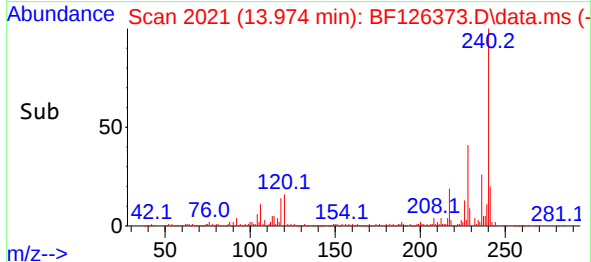
Instrument :
BNA_F
ClientSampleId :
ETGI-286



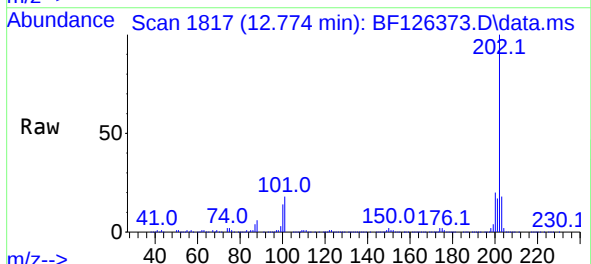
Tgt Ion:240 Resp: 20102
Ion Ratio Lower Upper
240 100
120 15.9 10.8 16.2
236 26.0 21.6 32.4

Manual Integrations
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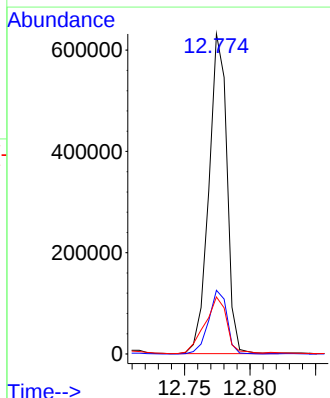
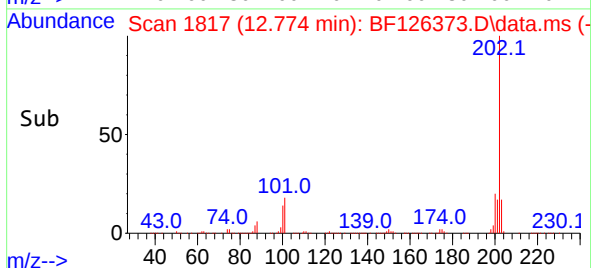
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

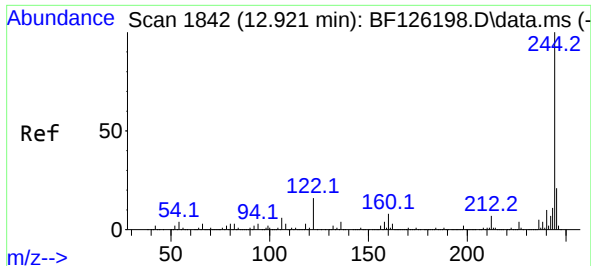


#78
Pyrene
Concen: 32.856 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18



Tgt Ion:202 Resp: 606807
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 17.8 13.4 20.0





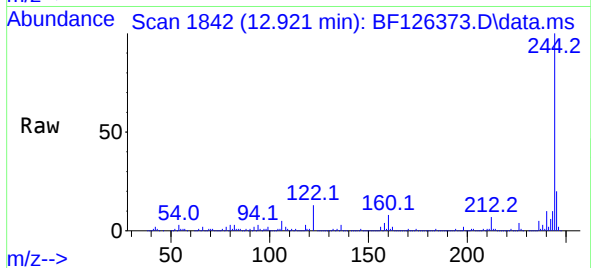
#79
 Terphenyl-d14
 Concen: 50.475 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126373.D
 Acq: 28 Dec 2021 00:18

Instrument :

BNA_F

ClientSampleId :

ETGI-286

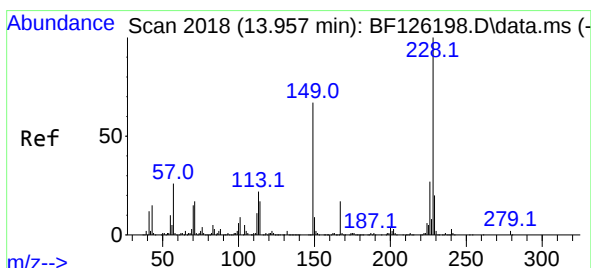
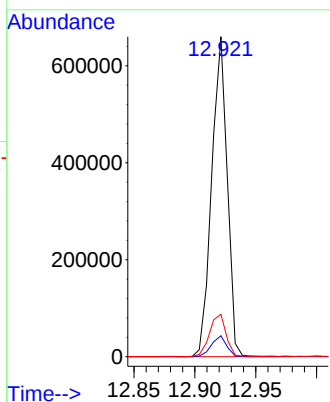
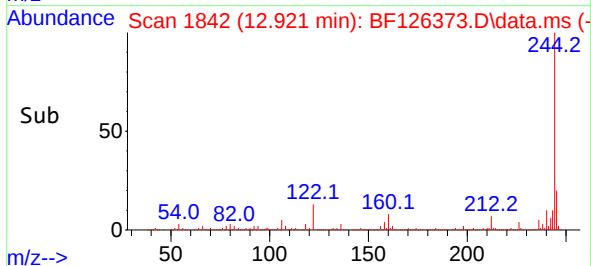


Tgt Ion:244 Resp: 583770
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 13.2 9.0 13.4

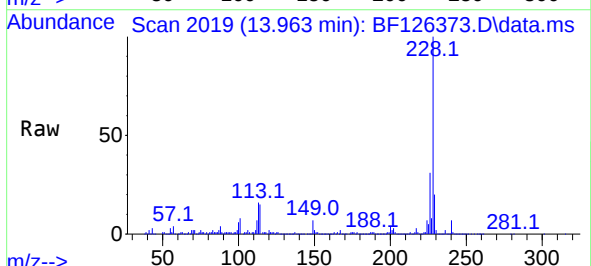
Manual Integrations

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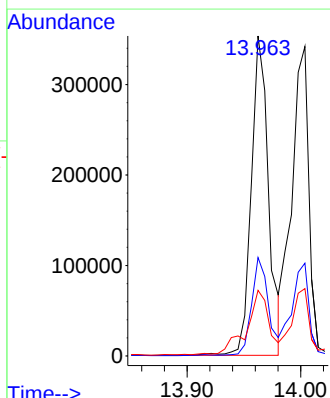
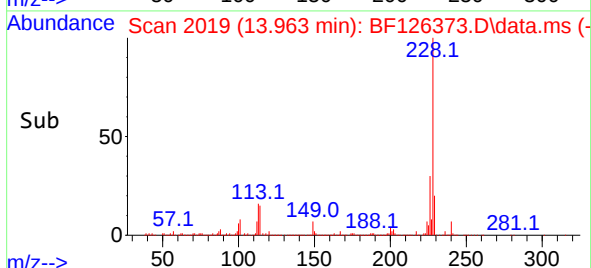
Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

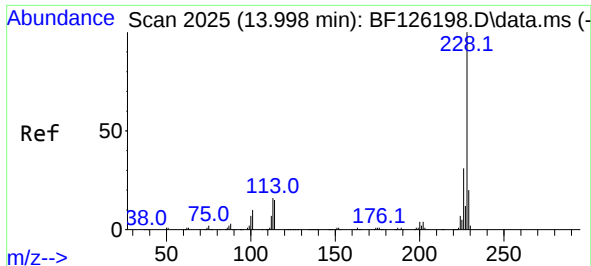


#81
 Benzo(a)anthracene
 Concen: 31.379 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF126373.D
 Acq: 28 Dec 2021 00:18



Tgt Ion:228 Resp: 373653
 Ion Ratio Lower Upper
 228 100
 226 30.7 21.6 32.4
 229 20.5 15.6 23.4





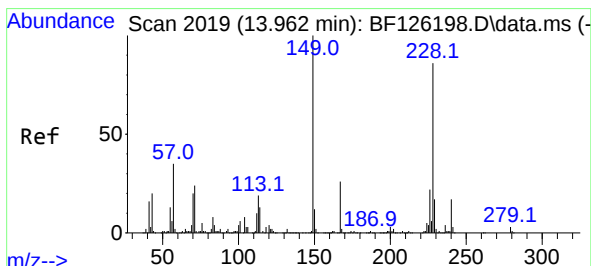
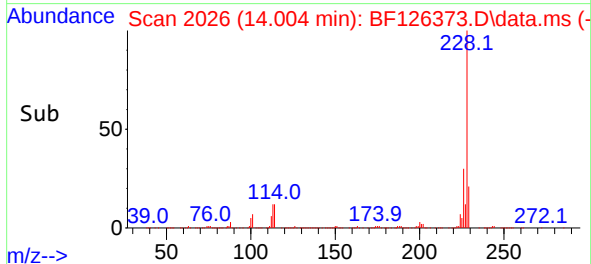
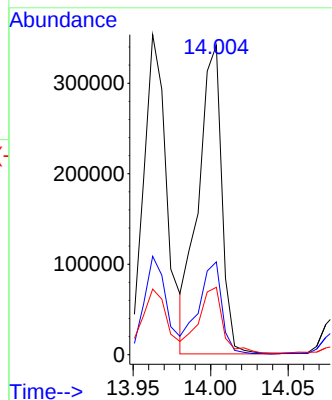
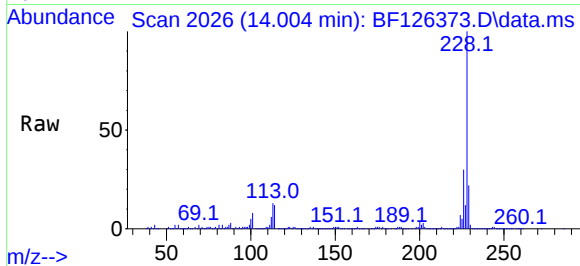
#83
Chrysene
Concen: 29.202 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Instrument :
BNA_F
ClientSampleId :
ETGI-286

Tgt Ion:228 Resp: 361289
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 21.8 15.9 23.9

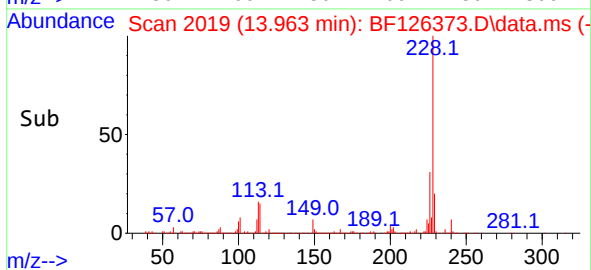
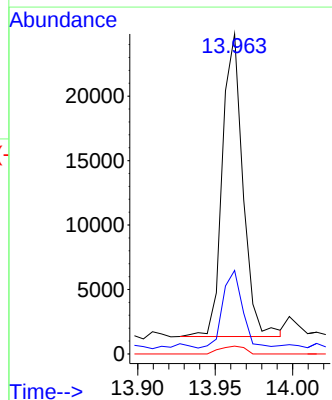
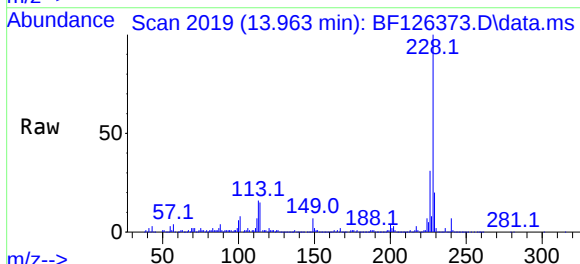
Manual Integrations
APPROVED

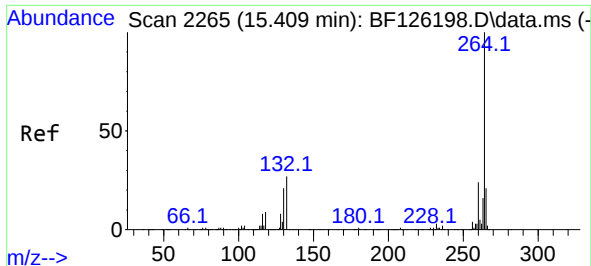
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.228 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

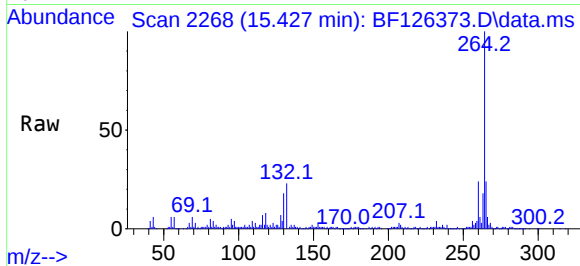
Tgt Ion:149 Resp: 21639
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 2.4 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

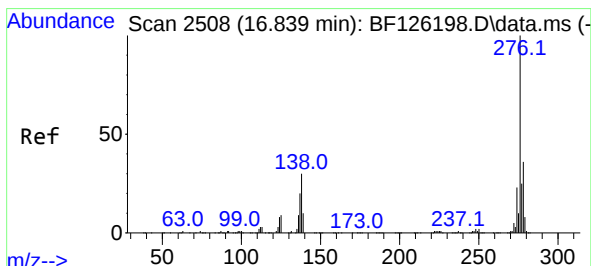
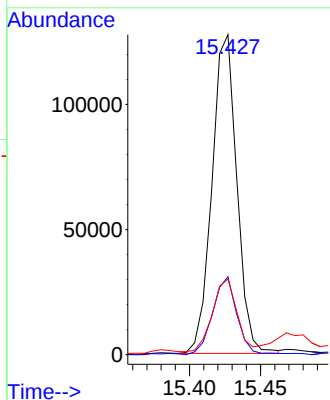
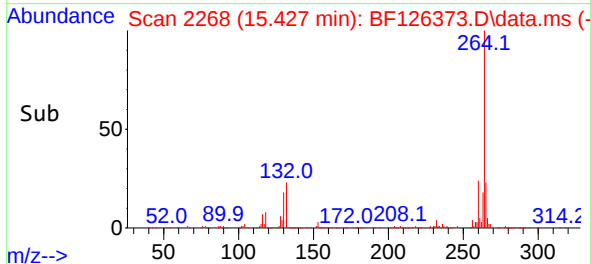
Instrument :
BNA_F
ClientSampleId :
ETGI-286



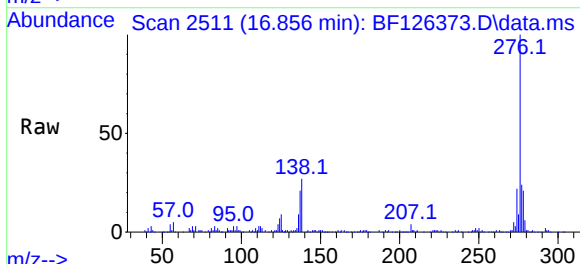
Tgt Ion:264 Resp: 155210
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 23.7 17.2 25.8

Manual Integrations
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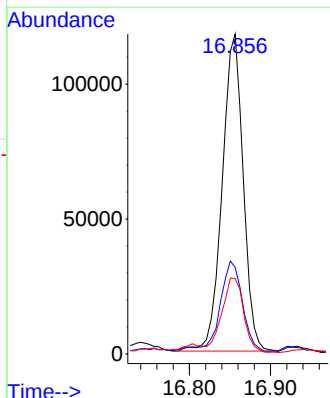
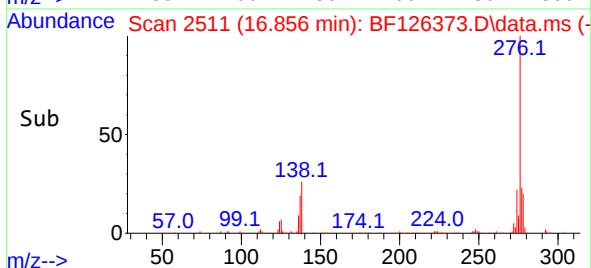
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

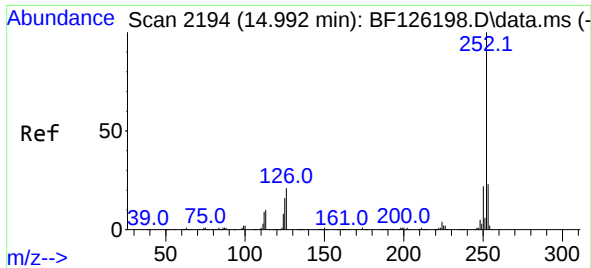


#87
Indeno(1,2,3-cd)pyrene
Concen: 20.438 ng
RT: 16.856 min Scan# 2511
Delta R.T. -0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18



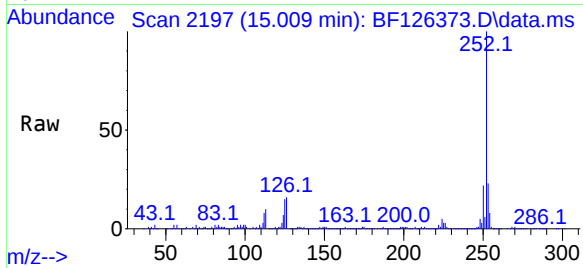
Tgt Ion:276 Resp: 211601
Ion Ratio Lower Upper
276 100
138 31.3 24.1 36.1
277 24.0 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 61.096 ng m
RT: 15.009 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

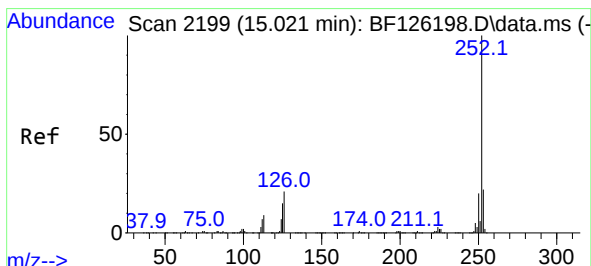
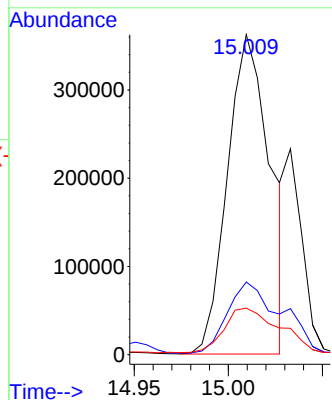
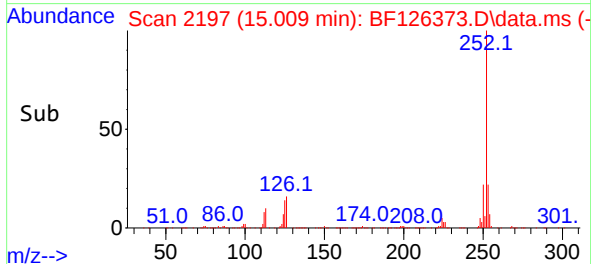
Instrument :
BNA_F
ClientSampleId :
ETGI-286



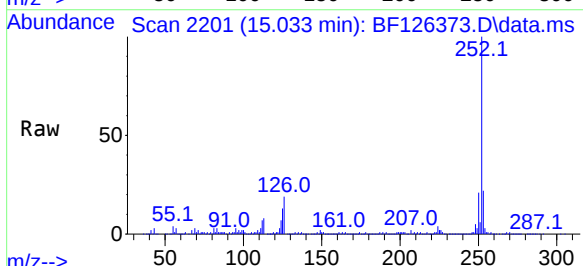
Tgt Ion:252 Resp: 569790
Ion Ratio Lower Upper
252 100
253 22.7 16.8 25.2
125 14.5 9.8 14.8

Manual Integrations
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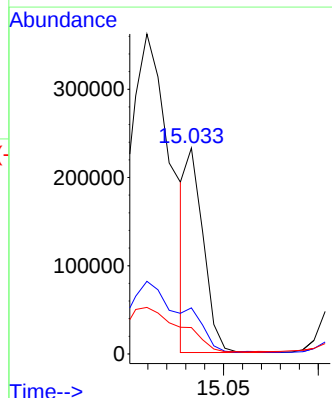
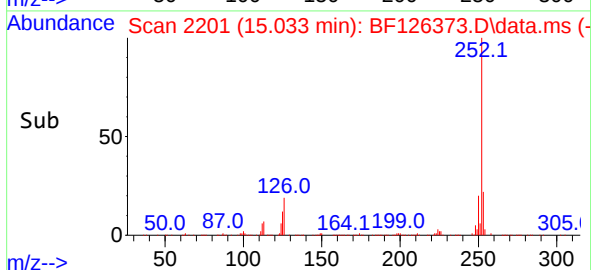
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

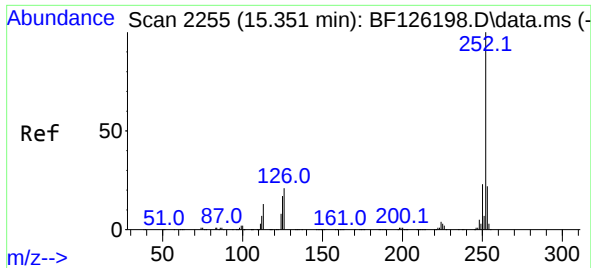


#89
Benzo(k)fluoranthene
Concen: 16.135 ng m
RT: 15.033 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18



Tgt Ion:252 Resp: 143954
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.8 7.2 10.8





#90
Benzo(a)pyrene
Concen: 44.106 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Instrument :

BNA_F

ClientSampleId :

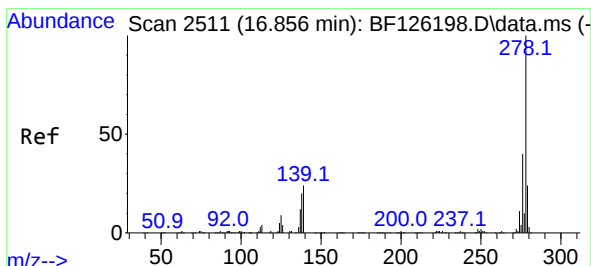
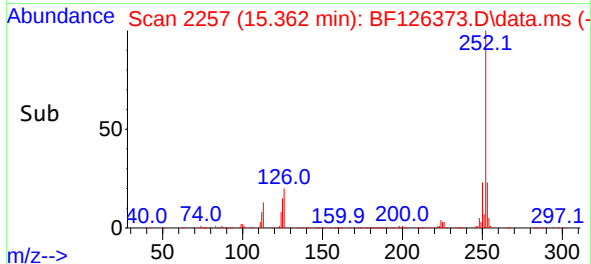
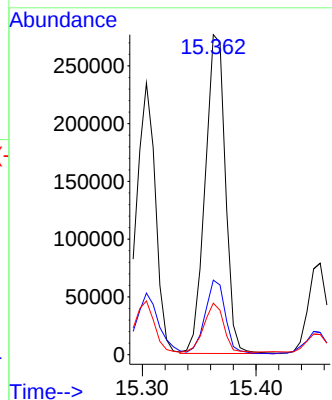
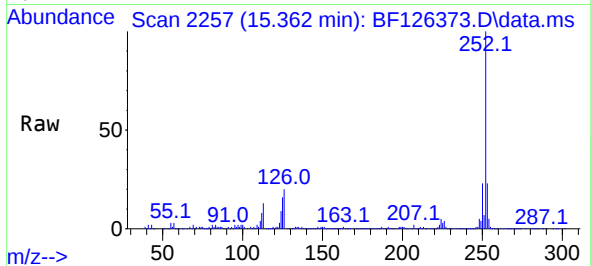
ETGI-286

Tgt Ion:252 Resp: 341878
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 16.1 9.9 14.9

Manual Integrations

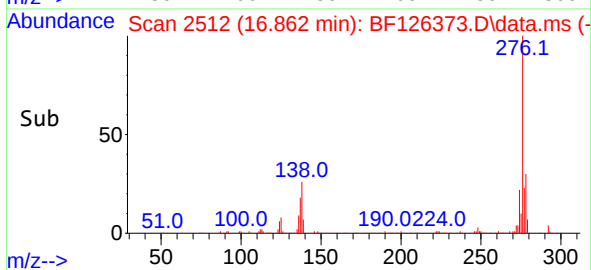
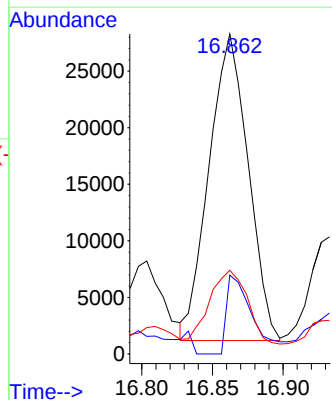
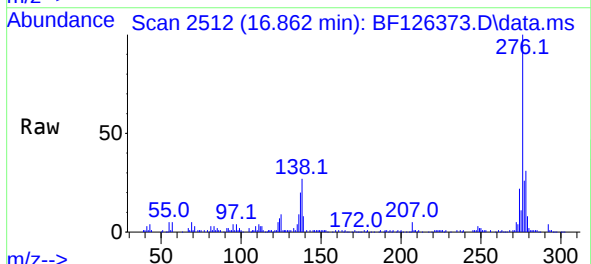
APPROVED

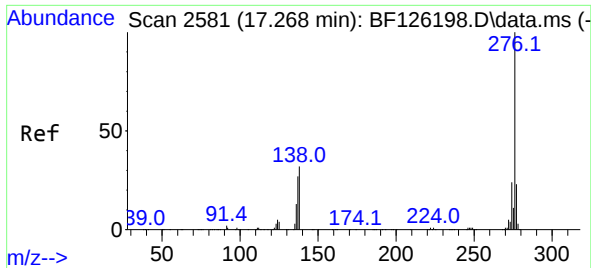
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#91
Dibenzo(a,h)anthracene
Concen: 6.209 ng m
RT: 16.862 min Scan# 2512
Delta R.T. -0.018 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

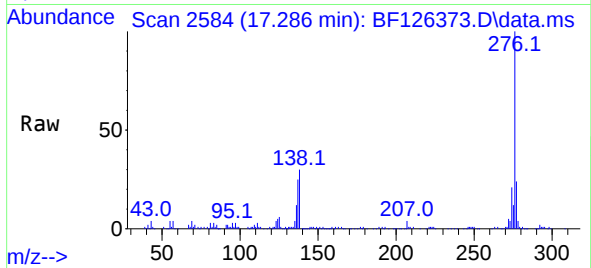
Tgt Ion:278 Resp: 52258
Ion Ratio Lower Upper
278 100
139 24.6 14.9 22.3#
279 26.2 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 24.532 ng
RT: 17.286 min Scan# 213619
Delta R.T. -0.012 min
Lab File: BF126373.D
Acq: 28 Dec 2021 00:18

Instrument :
BNA_F
ClientSampleId :
ETGI-286



Tgt Ion:276 Resp: 213619
Ion Ratio Lower Upper
276 100
277 23.7 22.0 33.0
138 29.7 22.2 33.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

